

BOBBY JINDAL
GOVERNOR



HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.:

Activity No.: PER20090001

Agency Interest No.: 38748

Mr. Alberto Garcia
Vice President
325 Liberty Lane
Mansfield, LA 71052

RE: Permit, MB Industries – Shreveport Facility
Shreveport, Caddo Parish, Louisiana

Dear Mr. Garcia:

This is to inform you that the permit request for the above referenced facility has been approved under LAC 33:III.501. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets, and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Also enclosed is a document entitled "General Information." Please be advised that this document contains a summary of facility-level information contained in LDEQ's TEMPO database and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Permit Support Services Division, at (225) 219-0075 or email your changes to facupdate@la.gov.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

The permit number cited below and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this ____ day of _____, 2009.

Permit No.: 0500-00069-02

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:cjg

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**MB Industries, LLC
Agency Interest No.: 38748
Shreveport Facility
Shreveport, Caddo Parish, Louisiana**

I. BACKGROUND

MB Industries, LLC – Shreveport Facility is a new industrial manufacturing facility. This is the facility's initial permit. This facility was previously operated by Beaird Industries, Inc. under the Title V Permit No. 0500-00069-V0 until 2008, at which time operations were ceased. MB Industries, LLC acquired the building from the City of Shreveport in 2009.

II. ORIGIN

A permit application and Emission Inventory Questionnaire (EIQ) dated January 22, 2009 were received requesting a permit. Additional information dated February 11, 2009 and June 15, 2009 was also received.

III. DESCRIPTION

MB Industries, LLC fabricates steel products by assembling, shaping, welding, and heat treating various types of metal stock. Fabricated products such as blast resistant buildings, pressure vessels, or wind towers are shot or blasted and coated before shipment.

Emissions from the facility will originate from three heat treating furnaces, general combustion sources, cutting and welding operations, shot and sand blasting, and painting operations. The three heat treating furnaces are fired by natural gas and their emissions will be controlled by the use of good operating practices. Natural gas combustion sources will be used throughout the facility to operate torches, heaters, and miscellaneous production equipment. Two automated blasting units using large particle steel shot will be used as surface preparation in enclosed blasting structures. Mechanical collection devices recover approximately 99.97% of the shot with no visible emissions from the dust collectors. Manual blasting with sand is performed in an enclosed building. Coating applications will occur at designated paint booth and paint areas within buildings.

Estimated emissions from this facility in tons per year are as follows:

<u>Pollutant</u>	<u>Permitted Emissions</u>
PM ₁₀	37.38
SO ₂	0.21
NO _x	37.81
CO	28.48
VOC**	96.99

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**MB Industries, LLC
Agency Interest No.: 38748
Shreveport Facility
Shreveport, Caddo Parish, Louisiana**

<u>LAC 33:III. Chapter 51 Toxic Air Pollutants TAP's</u>	<u>Emissions in Tons per year</u>
Cumene	0.45
Ethyl benzene	2.91
Methanol	4.75
Methyl ethyl ketone	0.19
n-Butyl alcohol	3.74
Toluene	1.56
Xylene	9.80
Other VOC TAP's	1.35
Chromium VI (and compounds)	< 0.01
Manganese (and compounds)	0.03
Nickel (and compounds)	0.01
Total TAP's**	24.79

**For operational flexibility for GRP0006, use of any material containing a TAP listed in Table 51.1, 51.2, or 51.3 shall be permitted provided that its use does not cause total emissions attributed to GRP0006 to:

- 1) Exceed Total TAPs of 24.75 TPY and total VOCs of 95.00 TPY in any 12 consecutive month period;
- 2) Exceed the Minimum Emission Rate (MER) for any TAP listed in Table 51.1 and 51.2 of LAC 33:III.5112 for TAPs that do not have a limit specified for GRP006 in the table entitled Emission Rates for TAP/HAP & Other Pollutants; and
- 3) Exceed any TAP specific limits for GRP0006 set forth in the table entitled Emission Rates for TAP/HAP & Other Pollutants.

IV. TYPE OF REVIEW

This permit was reviewed for compliance with Louisiana Air Quality Regulations and National Emission Standards for Hazardous Air Pollutants (NESHAP). New Source Performance Standards (NSPS) and Prevention of Significant Deterioration (PSD) do not apply.

This facility is a synthetic minor source of LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs). This facility is an affected source under 40 CFR 63 Subpart XXXXXX – Area Source Standards for Nine Metal Fabrication and Finishing Source Categories.

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

MB Industries, LLC
Agency Interest No.: 38748
Shreveport Facility
Shreveport, Caddo Parish, Louisiana

V. PUBLIC NOTICE

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. All comments will be considered prior to the final permit decision.

VI. EFFECTS ON AMBIENT AIR

Emissions associated with the proposed facility were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

VII. GENERAL CONDITION XVII ACTIVITIES

None

VIII. INSIGNIFICANT ACTIVITIES

ID No.	Description	Citation
-	Diesel Storage Tank	LAC 33:III.501.B.5.A .3
-	Weld Lab Oven	LAC 33:III.501.B.5.A.1

General Information

AI ID: 38748 MB Industries LLC
 Activity Number: PER20090001
 Permit Number: 0500-00069-02
 Air - Minor (Synthetic) Initial

Also Known As:

ID	Name	User Group	Start Date
0500-00069	MB Industries LLC	CDS Number	07-29-1999
72-1029054	Federal Tax ID	Federal Tax ID	11-20-2000
LA0147729966	Beaird Co	Hazardous Waste Notification	12-17-2001
LAR05N091	LPDES #	LPDES Permit #	10-05-2001
LAR05N555	LPDES #	LPDES Permit #	08-08-2004
LA-0576-L01	Radioactive Material License	Radiation License Number	07-11-2000
0576	X-Ray Registration Number	Radiation X-ray Registration Number	11-21-1999
GT-017-3045	Beaird Industries Inc	Solid Waste	01-08-2002
T-017-0767	SW Transporter ID #	Solid Waste Facility No.	09-06-2001
17580	Riley Beaird	TEMPO Merge	08-02-2001
711068RDND601BE	TRI #	Toxic Release Inventory	07-09-2004
09007772	UST Facility ID #	UST FID #	10-11-2002

Physical Location:

601 Benton Kelly St
 Shreveport, LA 71106

Main FAX: 3182198144
 Main Phone: 3186715400

Mailing Address:

601 Benton Kelly St
 Shreveport, LA 71106

Location of Front Gate:

32.406667 latitude, -93.742222 longitude, Coordinate Method: Lat\Long - DMS, Coordinate Datum: NAD83

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Eric Finney	601 Benton Kelly St Shreveport, LA 71106	3186715428 (WP)	Emission Inventory Contact for
Eric Finney	601 Benton Kelly St Shreveport, LA 71106	efinney@beairdco.com	Emission Inventory Contact for
Alberto Garcia	601 Benton Kelly St Shreveport, LA 71106	3186715400 (WP)	Responsible Official for
Fletcher Helmer	2525 Stemmons Fwy Dallas, TX 75027	2145698409 (WP)	Water Permit Contact For
Gerald Landry	601 Benton Kelly St Shreveport, LA 71106	3186715408 (WP)	Responsible Official for
Gerald Landry	601 Benton Kelly St Shreveport, LA 71106	gliandry@beairdco.com	Responsible Official for
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	3185608119 (CP)	Air Permit Contact For
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	3186715400 (WP)	Radiation Contact For
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	3186715583 (WF)	Radiation Contact For
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	slee@beairdco.com	Radiation Contact For
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	3185608119 (CP)	Radiation Contact For
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	3186715400 (WP)	Haz. Waste Billing Party for
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	3186715583 (WF)	Haz. Waste Billing Party for
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	slee@beairdco.com	Haz. Waste Billing Party for
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	3185608119 (CP)	Haz. Waste Billing Party for

General Information

AI ID: 38748 MB Industries LLC
 Activity Number: PER20090001
 Permit Number: 0500-00069-02
 Air - Minor (Synthetic) Initial

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	3186715400 (WP)	Radiation Registration Billing Party for
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	3186715583 (WF)	Radiation Registration Billing Party for
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	slee@beairdco.com	Radiation Registration Billing Party for
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	3185608119 (CP)	Radiation License Billing Party for
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	3186715400 (WP)	Radiation License Billing Party for
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	3186715583 (WF)	Radiation License Billing Party for
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	slee@beairdco.com	Radiation License Billing Party for
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	3185608119 (CP)	Radiation License Billing Party for
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	slee@beairdco.com	Air Permit Contact For
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	3186715583 (WF)	Air Permit Contact For
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	3186715400 (WP)	Air Permit Contact For
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	3185608119 (CP)	Radiation Safety Officer for
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	slee@beairdco.com	Radiation Safety Officer for
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	3186715400 (WP)	Radiation Safety Officer for
Steven Lee	601 Benton Kelly St Shreveport, LA 71106	3186715583 (WF)	Radiation Safety Officer for

Related Organizations:

Name	Address	Phone (Type)	Relationship
Beaird Company Ltd	601 Benton Kelly Rd Shreveport, LA 71106		Owns
City of Shreveport	505 Travis St Ste 200 Shreveport, LA 71101		Agent of Service for
MB Industries LLC	325 Liberty Ln Mansfield, LA 71052		Water Billing Party for
MB Industries LLC	325 Liberty Ln Mansfield, LA 71052		Air Billing Party for
MB Industries LLC	325 Liberty Ln Mansfield, LA 71052		Emission Inventory Billing Party
MB Industries LLC	325 Liberty Ln Mansfield, LA 71052		Operates
MB Industries LLC	325 Liberty Ln Mansfield, LA 71052		Owns

Note: This report entitled "General Information" contains a summary of facility-level information contained in LOEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Milam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

INVENTORIES
AJ ID: 38748 - MB Industries LLC
Activity Number: PER20090001
Permit Number: 0500-00069-02
Air - Minor (Synthetic) Initial

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
ARE 0006	12 - Used Sand Pile Emissions					8760 hr/yr
ARE 0007	14 - Surface Coating of Metal Products (CAP)			60000 gallons/yr	Coatings Volumes	8760 hr/yr
ARE 0008	15 - Paint Booth Emissions					8760 hr/yr
ARE 0009	16 - Bay 14 Paint Area					8760 hr/yr
ARE 0010	17 - Bay 16 Paint Booth Stack #1					8760 hr/yr
ARE 0011	18 - Bay 16 Paint Booth Stack #2					8760 hr/yr
EQT 0023	01 - Heat Treating Furnace (West)		.048 MM scf/hr	.032 MM scf/hr	Natural Gas	8760 hr/yr
EQT 0024	02 - Heat Treating Furnace (East)		.036 MM scf/hr	.0241 MM scf/hr	Natural Gas	8760 hr/yr
EQT 0025	03 - Heat Treating Furnace (Bay 6)		.048 MM scf/hr	.032 MM scf/hr	Natural Gas	8760 hr/yr
EQT 0026	04 - General Plant Gas Combustion		.018 MM scf/hr	.0121 MM scf/hr	Natural Gas	8760 hr/yr
EQT 0027	05 - Plasma and Burning Tables - Submerged and Open Air					3120 hr/yr
EQT 0028	06 - Welding Operations		105000 lb/yr	105000 lb/yr	Electrodes	8760 hr/yr
EQT 0029	07 - Pangborn Shot Dust Collector		2500 lb/hr	2500 lb/hr	Steel Shot	4368 hr/yr
EQT 0030	08 - Wheelabrator Shot Dust Collector		26.5 lb/hr	26.5 lb/hr	Steel Shot	4368 hr/yr
EQT 0031	10 - Sand Delivery to Silo		243 tons/hr	10188 tons/yr	Blasting Sand	4368 hr/yr
EQT 0032	13 - Gasoline Storage Tank	250 gallons	12500 gallons/yr	12500 gallons/yr	50 Turnovers/yr	8760 hr/yr
FUG 0005	09 - Shot Blasting Fugitives		2500 lb/hr	2500 lb/hr	Steel Shot	4368 hr/yr
FUG 0006	11 - Sand Blasting Fugitives		5000 lb/hr	5000 lb/hr	Blasting Sand	4368 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Entire Facility							
ARE 0008	15 - Paint Booth Emissions	0	1.66	3.28		41.06	150
ARE 0009	16 - Bay 14 Paint Area				28.48		
ARE 0010	17 - Bay 16 Paint Booth Stack #1	0	1.66	3.28		53	150
ARE 0011	18 - Bay 16 Paint Booth Stack #2	0	1.66	3.28		53	150
EQT 0023	01 - Heat Treating Furnace (West)					20	
EQT 0024	02 - Heat Treating Furnace (East)					20	
EQT 0025	03 - Heat Treating Furnace (Bay 6)	38.2	1800	2.76		50	350
EQT 0029	07 - Pangborn Shot Dust Collector	55.12	94834	6.25		30	70
EQT 0030	08 - Wheelabrator Shot Dust Collector	53.64	11.04	3.43		15	70
EQT 0032	13 - Gasoline Storage Tank			.1		6	70

Relationships:

INVENTORIES

AI ID: 38748 - MB Industries LLC
 Activity Number: PER20090001
 Permit Number: 0500-00069-02
 Air - Minor (Synthetic) Initial

Subject Item Groups:

ID	Group Type	Group Description
GRP 0006	Equipment Group	- Surface Coating of Metal Products (CAP)
SCN 0001	Alternate Operating Scenario	- Paints Containing MFHAP
UNF 0001	Unit or Facility Wide	- Entire Facility

Group Membership:

ID	Description	Member of Groups
ARE 0007	14 - Surface Coating of Metal Products (CAP)	GRP000000000006, SCN000000000001
ARE 0008	15 - Paint Booth Emissions	GRP000000000006, SCN000000000001
ARE 0009	16 - Bay 14 Paint Area	GRP000000000006, SCN000000000001
ARE 0010	17 - Bay 16 Paint Booth Stack #1	GRP000000000006, SCN000000000001
ARE 0011	18 - Bay 16 Paint Booth Stack #2	GRP000000000006, SCN000000000001

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
1060	1060 Fabricated Plate Work with 5 or More Welders		

SIC Codes:

3443	Fabricated plate work (boiler shops)	AI 38748
3443	Fabricated plate work (boiler shops)	UNF 001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 38748 - MB Industries LLC

Activity Number: PER20090001

Permit Number: 0500-00069-02

Air - Minor (Synthetic) Initial

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Entire Facility															
ARE 0006															
ARE 0007															
EQT 0023															
EQT 0024	2.70	4.03	11.80	3.20	4.80	14.10	0.24	0.37	1.07	0.02	0.03	0.09	0.18	0.26	0.78
EQT 0025	2.00	3.00	8.90	2.40	3.60	10.60	0.18	0.27	0.80	0.02	0.02	0.06	0.13	0.20	0.58
EQT 0026	0.27	0.40	1.18	0.32	0.48	1.41	0.02	0.04	0.10	<0.01	<0.01	0.01	0.02	0.03	0.08
EQT 0027	1.50	1.50	6.60	1.80	1.80	7.90	0.14	0.14	0.60	0.01	0.01	0.05	0.10	0.10	0.43
EQT 0028				1.33	1.33	3.80	0.55	0.55	2.00						
EQT 0029							0.05	0.05	0.24						
EQT 0030							1.70	1.70	3.00						
EQT 0031							0.02	0.02	0.04						
EQT 0032							0.04	0.24	0.01						
FUG 0005							3.25	3.25	7.10				0.03	0.03	0.12
FUG 0006							6.50	6.50	14.20						
GRP 0006							1.77	10.42	7.76				21.69		95.00

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 38748 - MB Industries LLC

Activity Number: PER20090001

Permit Number: 0500-00069-02

Air - Minor (Synthetic) Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
ARE 0007 14	Cumene		0.60	
	Ethyl benzene		3.88	
	Methanol		6.34	
	Methyl ethyl ketone		0.26	
	Toluene		2.07	
	Toxic air pollutants (TAP)		5.65	
	Xylene (mixed isomers)		13.06	
	n-butyl alcohol		4.98	
EQT 0027 05	Manganese (and compounds)	0.01	0.01	0.01
	Nickel (and compounds)	<0.001	<0.001	<0.001
EQT 0028 06	Chromium VI (and compounds)	<0.001	<0.001	<0.001
	Manganese (and compounds)	<0.01	<0.01	0.02
	Nickel (and compounds)	0.002	0.002	0.001
GRP 0006	Cumene	0.10		0.45
	Ethyl benzene	0.66		2.91
	Methanol	1.09		4.75
	Methyl ethyl ketone	0.04		0.19
	Toluene	0.36		1.56
	Toxic air pollutants (TAP)	5.65		24.75
	Xylene (mixed isomers)	2.24		9.80
	n-butyl alcohol	0.85		3.74
UNF 0001	Chromium VI (and compounds)			<0.01
	Cumene			0.45
	Ethyl benzene			2.91
	Manganese (and compounds)			0.03
	Methyl ethyl ketone			0.19
	Nickel (and compounds)			0.01
	Toluene			1.56
	Xylene (mixed isomers)			9.80

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 38748 - MB Industries LLC

Activity Number: PER20090001

Permit Number: 0500-00069-02

Air - Minor (Synthetic) Initial

ARE 0006 12 - Used Sand Pile Emissions

- 1 [LAC 33:III.1305]
Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.
- 2 [LAC 33:III.1329.G]
Maintain stockpiles of new and/or spent abrasive material in a manner that will minimize fugitive airborne emissions.

EQT 0023 01 - Heat Treating Furnace (West)

- 3 [LAC 33:III.1101.B]
Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 4 [LAC 33:III.1313.C]

EQT 0024 02 - Heat Treating Furnace (East)

- 5 [LAC 33:III.1101.B]
Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 6 [LAC 33:III.1313.C]

EQT 0025 03 - Heat Treating Furnace (Bay 6)

- 7 [LAC 33:III.1101.B]
Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 8 [LAC 33:III.1313.C]

EQT 0026 04 - General Plant Gas Combustion

- 9 [LAC 33:III.1101.B]
Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 38748 - MB Industries LLC
Activity Number: PER20090001
Permit Number: 0500-00069-02
Air - Minor (Synthetic) Initial

EQT 0026 04 - General Plant Gas Combustion

- 10 [40 CFR 33.111.1313.C]
 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQT 0027 05 - Plasma and Burning Tables - Submerged and Open Air

- 11 [LAC 33:III.1305]
 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.

EQT 0028 06 - Welding Operations

- 12 [40 CFR 63.11516(f)(1)]
 Operate all equipment, capture, and control devices associated with welding operations according to manufacturer's instructions. Subpart XXXXXX. [40 CFR 63.11516(f)(1)]
- 13 [40 CFR 63.11516(f)(2)]
 Implement one or more of the management practices specified in 40 CFR 63.11516(f)(2)(i) through (f)(2)(v) to minimize emissions of MFHAP, as practicable, while maintaining the required welding quality through the application of sound engineering judgment. Subpart XXXXXX. [40 CFR 63.11516(f)(2)]
- 14 [40 CFR 63.11516(f)(3)]
 Visible emissions monitored by 40 CFR 60, Appendix A, Method 22 daily on each day the process is in operation, during the operation of the process. Subpart XXXXXX. [40 CFR 63.11516(f)(3), 40 CFR 63.11517(b)(1)]
- 15 [40 CFR 63.11516(f)(3)]
 Which Months: All Year Statistical Basis: None specified
 Visible emissions monitored by 40 CFR 60, Appendix A, Method 22 quarterly, if no visible fugitive emissions are detected in three consecutive monthly EPA Method 22 tests performed in accordance with 40 CFR 63.11517(b)(3). Resume monthly EPA Method 22 tests in accordance with 40 CFR 63.11517(b)(3) if visible fugitive emissions are detected during these tests. Subpart XXXXXX. [40 CFR 63.11516(f)(3), 40 CFR 63.11517(b)(4)]
- 16 [40 CFR 63.11516(f)(3)]
 Which Months: All Year Statistical Basis: None specified
 Visible emissions monitored by 40 CFR 60, Appendix A, Method 22 monthly, if no visible fugitive emissions are detected in four consecutive weekly EPA Method 22 tests performed in accordance with 40 CFR 63.11517(b)(2). Resume weekly EPA Method 22 tests in accordance with 40 CFR 63.11517(b)(2) if visible fugitive emissions are detected during these tests. Subpart XXXXXX. [40 CFR 63.11516(f)(3), 40 CFR 63.11517(b)(3)]
- 17 [40 CFR 63.11516(f)(3)]
 Which Months: All Year Statistical Basis: None specified
 Visible emissions monitored by 40 CFR 60, Appendix A, Method 22 weekly, if no visible fugitive emissions are detected in consecutive daily EPA Method 22 test, performed in accordance with 40 CFR 63.11517(b)(1) for 10 days of work day operation of the process. Resume EPA Method 22 testing of that operation once per day during each day that the process is in operation, in accordance with 40 CFR 63.11517(b)(1), if visible fugitive emissions are detected during these tests. Subpart XXXXXX. [40 CFR 63.11516(f)(3), 40 CFR 63.11517(b)(2)]
- 18 [40 CFR 63.11516(f)(4)(i)]
 Which Months: All Year Statistical Basis: None specified
 Perform corrective actions that include, but are not limited to, inspection of welding fume sources, and evaluation of the proper operation and effectiveness of the management practices or fume control measures implemented in accordance with 40 CFR 63.11516(f)(2), if visible fugitive emissions are detected during any visual determination required in 40 CFR 63.11516(f)(3). Perform a follow-up inspection for visible fugitive emissions in accordance with 40 CFR 63.11517(a) at the primary vent, stack, exit, or opening from the building containing the welding operations after completing corrective actions. Subpart XXXXXX. [40 CFR 63.11516(f)(4)(i)]

SPECIFIC REQUIREMENTS

AI ID: 38748 - MB Industries LLC

Activity Number: PER20090001

Permit Number: 0500-00069-02

Air - Minor (Synthetic) Initial

EQT 0028 06 - Welding Operations

- 19 [40 CFR 63.11519(c)]
- 20 [LAC 33:III.1305]
- 21 [LAC 33:III.1311.C]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.11519(c)(1) through (c)(14), as applicable. Subpart XXXXXX. [40 CFR 63.11519(c)]

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: Six-minute average

EQT 0029 07 - Pangborn Shot Dust Collector

- 22 [40 CFR 63.11516(a)(2)(i)]
- 23 [40 CFR 63.11519(c)]
- 24 [LAC 33:III.1311.C]

Operate according to manufacturer's instructions. Subpart XXXXXX. [40 CFR 63.11516(a)(2)(i)]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.11519(c)(1) through (c)(14), as applicable. Subpart XXXXXX. [40 CFR 63.11519(c)]

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

Re-circulate blast cabinet exhaust to the cabinet or vent to emission control equipment.

Exhaust the collection system through effective control equipment with a particulate matter outlet grain loading of 0.05 gr/dscf or less, as documented by the control equipment manufacturer or demonstrated by performance testing.

Use and diligently maintain all emission control equipment in proper working order according to the manufacturer's specifications whenever any emissions are being generated that can be controlled by the facility, even if the ambient air quality standard in affected areas are not exceeded.

- 25 [LAC 33:III.1329.B]
- 26 [LAC 33:III.1329.D]
- 27 [LAC 33:III.1329.H]

EQT 0030 08 - Wheelabrator Shot Dust Collector

- 28 [40 CFR 63.11516(a)(2)(i)]
- 29 [40 CFR 63.11519(c)]
- 30 [LAC 33:III.1311.C]

Operate according to manufacturer's instructions. Subpart XXXXXX. [40 CFR 63.11516(a)(2)(i)]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.11519(c)(1) through (c)(14), as applicable. Subpart XXXXXX. [40 CFR 63.11519(c)]

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

Re-circulate blast cabinet exhaust to the cabinet or vent to emission control equipment.

Exhaust the collection system through effective control equipment with a particulate matter outlet grain loading of 0.05 gr/dscf or less, as documented by the control equipment manufacturer or demonstrated by performance testing.

Use and diligently maintain all emission control equipment in proper working order according to the manufacturer's specifications whenever any emissions are being generated that can be controlled by the facility, even if the ambient air quality standard in affected areas are not exceeded.

- 31 [LAC 33:III.1329.B]
- 32 [LAC 33:III.1329.D]
- 33 [LAC 33:III.1329.H]

EQT 0031 10 - Sand Delivery to Silo

SPECIFIC REQUIREMENTS**AI ID: 38748 - MB Industries LLC****Activity Number: PER20090001****Permit Number: 0500-00069-02****Air - Minor (Synthetic) Initial****EQT 0031 10 - Sand Delivery to Silo**

34 [LAC 33:III.1305]

35 [LAC 33:III.1311.C]

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

EQT 0032 13 - Gasoline Storage Tank

36 [LAC 33:III.2103.1]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.1.1 - 7, as applicable.

FUG 0005 09 - Shot Blasting Fugitives

37 [40 CFR 63.11516(a)(i)(i)]

38 [40 CFR 63.11516(a)(i)(ii)]

39 [40 CFR 63.11519(c)]

40 [LAC 33:III.1311.C]

Minimize dust generation during emptying of abrasive blasting enclosures. Subpart XXXXXX. [40 CFR 63.11516(a)(i)(i)]

Operate all equipment associated with dry abrasive blasting operations according to the manufacturer's instructions. Subpart XXXXXX. [40 CFR 63.11516(a)(i)(ii)]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.11519(c)(1) through (c)(14), as applicable. Subpart XXXXXX. [40 CFR 63.11519(c)]

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

Do not use material derived from hazardous, toxic, medical, and/or municipal waste as abrasive material.

Particulate matter fines < 10 % by weight of the abrasive that would pass through a No. 80 sieve as documented by the supplier. If supplier documentation is not provided for weight percent of fines in abrasive material, take samples according to ASTM standard ASTM D 75-87, reapproved 1992, before initial use.

Which Months: All Year Statistical Basis: None specified

Do not reuse abrasives for abrasive blasting unless they meet the requirements of LAC 33:III.1327.A.2.

Fully enclose the item, or surround the structure, to be blasted.

Re-circulate blast cabinet exhaust to the cabinet or vent to emission control equipment.

Exhaust the collection system through effective control equipment with a particulate matter outlet grain loading of 0.05 gr/dscf or less, as documented by the control equipment manufacturer or demonstrated by performance testing.

Ensure that abrasive blasting activities do not create a nuisance.

Maintain stockpiles of new and/or spent abrasive material in a manner that will minimize fugitive airborne emissions.

Use and diligently maintain all emission control equipment in proper working order according to the manufacturer's specifications whenever any emissions are being generated that can be controlled by the facility, even if the ambient air quality standard in affected areas are not exceeded.

43 [LAC 33:III.1327.A.3]
 44 [LAC 33:III.1329.A.1]
 45 [LAC 33:III.1329.B]
 46 [LAC 33:III.1329.D]
 47 [LAC 33:III.1329.F]
 48 [LAC 33:III.1329.G]
 49 [LAC 33:III.1329.H]

SPECIFIC REQUIREMENTS

AI ID: 38748 - MB Industries LLC

Activity Number: PER20090001

Permit Number: 0500-00069-02

Air - Minor (Synthetic) Initial

FUG 0006 11 - Sand Blasting Fugitives

- 50 [40 CFR 63.11516(a)(1)(i)] Minimize dust generation during emptying of abrasive blasting enclosures. Subpart XXXXXX. [40 CFR 63.11516(a)(1)(i)]
- 51 [40 CFR 63.11516(a)(1)(ii)] Operate all equipment associated with dry abrasive blasting operations according to the manufacturer's instructions. Subpart XXXXXX. [40 CFR 63.11516(a)(1)(ii)]
- 52 [40 CFR 63.11519(c)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.11519(c)(1) through (c)(14), as applicable. Subpart XXXXXX. [40 CFR 63.11519(c)]
- 53 [LAC 33:III.1311.C] Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 54 [LAC 33:III.1327.A.1] Which Months: All Year Statistical Basis: Six-minute average
- 55 [LAC 33:III.1327.A.2] Do not use material derived from hazardous, toxic, medical, and/or municipal waste as abrasive material.
- 56 [LAC 33:III.1327.A.3] Particulate matter fines $< 10\%$ by weight of the abrasive that would pass through a No. 80 sieve as documented by the supplier. If supplier documentation is not provided for weight percent of fines in abrasive material, take samples according to ASTM standard ASTM D 75-87, reapproved 1992, before initial use.
- 57 [LAC 33:III.1329.A.1] Which Months: All Year Statistical Basis: None specified
- 58 [LAC 33:III.1329.B] Do not reuse abrasives for abrasive blasting unless they meet the requirements of LAC 33:III.1327.A.2.
- 59 [LAC 33:III.1329.D] Fully enclose the item, or surround the structure, to be blasted.
- 60 [LAC 33:III.1329.F] Re-circulate blast cabinet exhaust to the cabinet or vent to emission control equipment.
- 61 [LAC 33:III.1329.G] Exhaust the collection system through effective control equipment with a particulate matter outlet grain loading of 0.05 gr/dscf or less, as documented by the control equipment manufacturer or demonstrated by performance testing.
- 62 [LAC 33:III.1329.H] Ensure that abrasive blasting activities do not create a nuisance.
- 63 [LAC 33:III.1329.F] Maintain stockpiles of new and/or spent abrasive material in a manner that will minimize fugitive airborne emissions.
- 64 [LAC 33:III.1329.G] Use and diligently maintain all emission control equipment in proper working order according to the manufacturer's specifications whenever any emissions are being generated that can be controlled by the facility, even if the ambient air quality standard in affected areas are not exceeded.

GRP 0006 - Surface Coating of Metal Products (CAP)

Group Members: ARE 0007 ARE 0008 ARE 0009 ARE 0010 ARE 0011

- 63 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.
- 64 [LAC 33:III.2123.E] Determine compliance with LAC 33:III.2123.A, C, and D by applying the test methods specified in LAC 33:III.2123.E.1 through E.6, as appropriate.
- 65 [LAC 33:III.2123.F] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2123.F.1 through F.4 to verify exemption from LAC 33:III.2123. Maintain records for at least two years.
- 66 [LAC 33:III.501.C.6] Submit report: Due annually, by the 31st of March. Report the Total VOC and Total TAPs emitted for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. This report can be combined with reports required under LAC 33:III.535.

SPECIFIC REQUIREMENTS

AI ID: 38748 - MB Industries LLC

Activity Number: PER20090001

Permit Number: 0500-00069-02

Air - Minor (Synthetic) Initial

GRP 0006 - Surface Coating of Metal Products (CAP)

67 [LAC 33:III.501.C.6]

Use of any material containing a TAP listed in Table 51.1, 51.2, or 51.3 shall be permitted provided that its use does not cause total VOC emissions attributed to GRP0006 to exceed Total TAPs of 24.75 TPY and total VOCs of 95.00 TPY in any 12 consecutive month period. Emissions of any TAP not listed in GRP0006 shall be limited to the Minimum Emission Rate (MER) for that TAP listed in Table 51.1 and 51.2 of LAC 33:III.511.2. The substitution of TAPs shall not cause the emissions of total VOC or total TAPs emissions to exceed the permitted values for GRP0006. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if VOC and TAP emissions exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Equipment/operational data recordkeeping by electronic or hard copy. Maintain records monthly of total VOC and total TAPs emitted for that month. Records shall show compliance with the total VOC limit of 95.00 tons per year and the total TAPs limit of 24.75 tons per year for any twelve (12) consecutive months. Maintain records for at least two (2) years.

68 [LAC 33:III.501.C.6]

SCN 0001 - Paints Containing MFHAP

Group Members: ARE 0007 ARE 0008 ARE 0009 ARE 0010 ARE 0011

69 [40 CFR 63.11516(d)(1)(i)]

Ensure that spray booths or spray rooms have a full roof, at least two complete walls, and one or two complete side curtains or other barrier material so that all four sides are covered. Ventilate the spray booths or spray rooms so that air is drawn into the booth and leaves only through the filter. The roof may contain narrow slots for connecting fabricated products to overhead cranes, and/or for cords or cables. Subpart XXXXXX. [40 CFR 63.11516(d)(1)(i)]

70 [40 CFR 63.11516(d)(1)(ii)]

Fit all spray booths or spray rooms with a type of filter technology that is demonstrated to achieve at least 98 percent capture of MFHAP. Subpart XXXXXX. [40 CFR 63.11516(d)(1)(ii)]

71 [40 CFR 63.11516(d)(1)(iii)]

Perform regular inspection and replacement of the filters in all spray booths or spray rooms according to manufacturer's instructions. Subpart XXXXXX. [40 CFR 63.11516(d)(1)(iii)]

72 [40 CFR 63.11516(d)(2)]

Apply all paints applied via spray-applied painting with a high-volume, low-pressure (HVLP) spray gun, electrostatic application, airless spray gun, air-assisted airless spray gun, or an equivalent technology that is demonstrated to achieve transfer efficiency comparable to one of these spray gun technologies for a comparable operation, and for which written approval has been obtained from DEQ. Subpart XXXXXX. [40 CFR 63.11516(d)(2)]

73 [40 CFR 63.11516(d)(4)]

Perform all cleaning of paint spray guns with either non-HAP gun cleaning solvents, or in such a manner that an atomized mist of spray of gun cleaning solvent and paint residue is not created outside of a container that collects the used gun cleaning solvent. Subpart XXXXXX. [40 CFR 63.11516(d)(4)]

74 [40 CFR 63.11516(d)(5)]

Ensure that all workers performing painting are certified that they have completed training in the proper spray application of paints and the proper setup and maintenance of spray equipment. The spray application of paint is prohibited by persons who are not certified as having completed the training described in 40 CFR 63.11516(d)(6). Subpart XXXXXX. [40 CFR 63.11516(d)(5)]

75 [40 CFR 63.11516(d)(6)]

Ensure and certify that all new and existing personnel, including contract personnel, who spray apply paints are trained in the proper application of paints as required by 40 CFR 63.11516(d)(5). Ensure that the training program includes, at a minimum, the items listed in 40 CFR 63.11516(d)(6)(i) through (d)(6)(iii). Subpart XXXXXX. [40 CFR 63.11516(d)(6)]

SPECIFIC REQUIREMENTS

AI ID: 38748 - MB Industries LLC

Activity Number: PER20090001

Permit Number: 0500-00069-02

Air - Minor (Synthetic) Initial

SCN 0001 - Paints Containing MFHAP

76 [40 CFR 63.11516(d)(9)]

Ensure that all personnel receive refresher training that meets the requirements of 40 CFR 63.11516 and are re-certified every 5 years. Subpart XXXXXX. [40 CFR 63.11516(d)(9)]

77 [40 CFR 63.11519(c)]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.11519(c)(1) through (c)(14), as applicable. Subpart XXXXXX. [40 CFR 63.11519(c)]

UNF 0001 - Entire Facility

78 [40 CFR 63.11519(b)(1)]

Submit Certification and Compliance Report: Due annually, by the 31st of January. Include the information specified in 40 CFR 63.11519(b)(4) through (b)(9), as applicable. Keep the report in a readily-accessible location for inspector review. Submit exceedance report with the certification and compliance report if an exceedance has occurred during the year. Subpart XXXXXX. [40 CFR 63.11519(b)(1)]

79 [40 CFR 63.11519(c)(15)]

Keep records in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). Keep each record for 5 years following the date of each occurrence, measurement, corrective action, report, or record. Keep each record on-site for at least 2 years after the date of each occurrence, measurement, corrective action, report, or record according to 40 CFR 63.10(b)(1). The remaining 3 years may be kept off-site. Subpart XXXXXX. [40 CFR 63.11519(c)(15)]

80 [40 CFR 63.]

All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 1 of 40 CFR 63 Subpart HHHHHH.

81 [LAC 33:III.1303.B]

Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.

82 [LAC 33:III.2113.A]

Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.

83 [LAC 33:III.219]

Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.

84 [LAC 33:III.537]

Permittee shall comply with the Louisiana General Conditions as set forth in LAC 33:III.537.

85 [LAC 33:III.5611.A]

Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.

86 [LAC 33:III.5611.B]

During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.